

**Table 1 - Quantity of Bank and Sediment Material Excavated to Date
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity of Bank and Sediment Material Excavated to Date			
Date	Location	non-TSCA	TSCA	NAPL impacted	Total
09/26/02 to 10/02/02	Cell 1A	101	0	53	154
10/02/02 to 10/04/02	Cell 1B	60	0	110	170
10/18/02 to 10/29/02	Cell 2	874	175	0	1,049
11/11/02 to 11/15/02	Cell 3	183	0	200	383
11/18/02 to 11/25/02	Cell 4	2,283	198	0	2,481
12/03/02 to 12/10/02	Cell 5	1,629	369	0	1,998
01/07/03 to 01/15/03	Cell 6	832	658	0	1,490
01/10/03 to 01/29/03	Cell 6A	2,611	68	0	2,679
02/03/03 to 02/10/03	Cell 7&7A	1,114	636	0	1,750
02/20/03 to 02/24/03	Cell 5A	899	0	0	899
02/25/03 to 03/07/03	Cell 8&8A	1,245	90	0	1,335
03/14/03 to 03/18/03	Cell 9	603	307	0	910
03/27/03 to 04/07/03	Cell 10&10A	1,730	133	0	1,863
04/14/03 to 04/16/03	Cell 12	668	1,354	0	2,022
04/30/03 to 05/09/03	Cell 11	1,713	341	10	2,064
05/27/03 to 06/12/03	Cell 11A	957	166	462	1,585
06/25/03 to 07/18/03	Cell 12A	1,656	805	656	3,117
	Total	19,158	5,300	1,491	25,949

Note:

All quantities determined by pre- and post- excavation surveying.

**Table 2 - Quantity of Material Transferred to OPCAs to Date
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity Transported to OPCAs	
Date	Location	Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
Site Preparation Activities			
09/11/02	Building 65 Stockpile Management Area	225	
Bank Soil and Sediment			
12/05/02 to 12/19/02	Stockpile Management Area/Excavation Cells	4,718 (1)	910 (1)
02/11/03 to 02/28/03	Stockpile Management Area/Excavation Cells	5,137 (2)	539 (2)
03/03/03 to 03/14/03	Stockpile Management Area/Excavation Cells	1,749 (2)	1,353(2)
04/07/03 to 04/18/03	Stockpile Management Area/Excavation Cells	2,710 (3)	1,698 (3)
04/07/03 to 04/18/03	Stockpile Management Area/Cleanup Material	370 (3)	40 (3)
05/12/03 to 05/14/03	Stockpile Management Area/Excavation Cells	1826 (3)	0
05/12/03 to 05/14/03	Stockpile Management Area/Cleanup Material	220 (3)	0
06/11/03 to 06/12/03	Stockpile Management Area/Excavation Cells	0	704 (3)
06/16/03 to 06/17/03	Stockpile Management Area/Excavation Cells	712 (3)	0
06/16/03 to 06/17/03	Stockpile Management Area/Cleanup Material	146 (3)	0
07/07/03 to 07/11/03	Stockpile Management Area/Excavation Cells	1188 (3)	748 (3)
Project Totals		19,001	5,992

Note:

All quantities are in compacted or "in-place" cubic yards.

- (1) Estimated at 14cy per truck, loaded with excavator.
- (2) Estimated at 11cy per truck due to loading out frozen material.
- (3) Estimated at 11cy per truck, loaded with front end loader.

**Table 3 - Quantity of Material Transported to Seneca Meadows Landfill, Waterloo, N.Y.
During the Month of August
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in tons)

Date Shipped	Doc. Number	Net Weight (Tons) (1)
08/27/03	0001SM	32.20
08/27/03	0002SM	33.02
08/28/03	0003SM	32.55
08/29/03	0004SM	31.79
08/29/03	0005SM	32.06
08/29/03	0006SM	34.42
08/29/03	0007SM	34.44
Total of Material Disposed		230.48

Notes:

(1) Net weights established at the disposal facility

**Table 4 - NPDES non-PCB Sampling Results for Water Treatment System
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in part per billion, ppb)

Sample ID	H2-WW000001-0-3L16	H2-WW000002-0-3L16	H2-WW000003-0-3L16	NPDES Permit Regulatory Effluent Limits
Sample type	Influent	Intermediate	Effluent	
Date Collected	7/16/2003	7/16/2003	7/16/2003	
Analyte				
APP IX SEMIVOLATILES				
2-METHYLNAPHTHALENE	2.5 J	ND	ND	100
ACENAPHTHENE	9.1 J	ND	ND	100
ACENAPHTHYLENE	0.62 J	ND	ND	100
ANTHRACENE	2.8 J	ND	ND	100
BENZO(A)ANTHRACENE	1.0 J	ND	ND	100
BENZO(A)PYRENE	0.83 J	ND	ND	100
BUTYLBENZYLPHTHALATE	0.54 J	ND	ND	100
CHRYSENE	0.99 J	ND	ND	100
FLUORANTHENE	3.6 J	ND	ND	100
FLUORENE	4.6 J	ND	ND	100
NAPHTHALENE	1.3 J	ND	ND	100
PHENANTHRENE	10.0 J	ND	ND	100
PYRENE	4.7 J	ND	ND	100
APP IX VOLATILES				
BENZENE	7.2	ND	ND	5*
CARBON TETRACHLORIDE	ND	ND	0.38 J	N/A
CHLOROFORM	ND	0.33 J	0.63 J	100
CIS-1,2-DICHLOROETHENE	1.9	ND	0.32 J	N/A
ETHYL BENZENE	0.95 J	ND	ND	N/A
M,P-XYLENE (SUM OF ISOMERS)	0.90 J	ND	ND	*
NAPHTHALENE	11.0	0.37 J	ND	100
O-XYLENE	0.20 J	ND	ND	*
TERT-BUTYL METHYL ETHER	15.0	12.0	7.0	70
TETRACHLOROETHYLENE(PCE)	6.9	ND	ND	N/A
TOLUENE	0.53 J	ND	ND	*
TRICHLOROETHYLENE (TCE)	1.1	ND	0.21 J	5
XYLENES (TOTAL)	1.1	ND	ND	*
METALS				
BARIUM	98.0	---	43.1	100
BERYLLIUM	0.41	---	0.21	4
CHROMIUM	6.1	---	1.7	100
COBALT	8.1	---	ND	100
COPPER	31.6	---	71.5	100
LEAD	35.2	---	ND	50
NICKEL	11.3	---	ND	100
TIN	7.6	---	ND	100
VANADIUM	5.8	---	ND	100
ZINC	50.1	---	21.8	500
ORGANIC				
PETROLEUM HYDROCARBON	ND	ND	ND	5000

NOTES:

* Total BTEX (Benzene, Toluene, Ethyl Benzene and Xylene) can not exceed 100 ppb
Intermediate - sample collected between carbon units which are being operated in series.
Only detected constituents are summarized
ND - not detected
--- not sampled
J - Indicates an estimated value
N/A - not available

**Table 5 - Backfill Material Testing Results
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in part per million, ppm)

Sample ID	H2-OT000034-0-3G04-1	H2-OT000034-0-3G04-2	H2-OT000056-0-3G05-1	H2-OT000056-0-3G05-2	Regulatory Limits (1)
Sample type	Common Fill	Common Fill	Common Fill Filter	Common Fill Filter	
Date Collected	08/04/2003	08/04/2003	08/05/2003	08/05/2003	
Analyte					
APP IX SEMIVOLATILES	---	---	---	---	
APP IX VOLATILES	---	---	---	---	
METALS	---	---	---	---	
PCBS					
PCB, TOTAL	ND	ND	ND	ND	0.1*
ORGANIC					
PETROLEUM HYDROCARBON	ND	ND	ND	ND	200*

Notes:

Only detected constituents are summarized

ND - not detected

--- not sampled

(1) - Massachusetts contingency plan S-1 limits

* - Project specific acceptable levels for backfill

**Table 6 - Daily Air Monitoring Results
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Date Collected	Sample Location	Average Site Concentration (mg/m³)	Average Period (Hours:Min)
8/1/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/4/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/5/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/6/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/7/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/8/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/11/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/12/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/13/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/14/2003	Upwind	0.015	8:00
	Downwind	0.031	8:00
	Background	---	---
8/15/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/18/2003	Upwind	0.030	11:00
	Downwind	0.020	11:00
	Background	---	---
8/19/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	---	---
8/20/2003	Upwind	0.026	10:00
	Downwind	0.025	10:00
	Background	---	---

Date Collected	Sample Location	Average Site Concentration (mg/m ³)	Average Period (Hours:Min)
8/21/2003	Upwind	0.042	7:00
	Downwind	0.041	7:00
	Background	---	---
8/22/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/25/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
8/26/2003	Upwind	0.036	8:00
	Downwind	0.019	8:00
	Background	---	---
8/27/2003	Upwind	---	9:00
	Downwind	0.036	9:00
	Background	---	---
8/28/2003	Upwind	---	---
	Downwind	0.003	6:00
	Background	---	---
8/29/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
notification level		0.120	
action level		0.150	

Notes:

N/A - Not available due to precipitation

--- - No reading due to technical difficulties with monitoring equipment

Sampler for Fred Garner Park has been held up in repairs as the manufacturer relocated

**Table 7 - Daily Water Column Turbidity Monitoring Results
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Date	Flow at Coltsville (cfs)	Location	Turbidity		
			Average	High	Low
8/1/2003	39	Upstream of Lyman Street Bridge	51.4	186.6	8.6
		Downstream of Pomeroy Avenue Bridge	19.7	35.3	5.5
8/4/2003	116	Upstream of Lyman Street Bridge	7.8	11.4	5.4
		Downstream of Pomeroy Avenue Bridge	11.4	16.1	8.4
8/5/2003	75	Upstream of Lyman Street Bridge	37.6	152.5	8.3
		Downstream of Pomeroy Avenue Bridge	10.9	15.3	7.9
8/6/2003	184	Upstream of Lyman Street Bridge	175.3	227.1	123.5
		Downstream of Pomeroy Avenue Bridge	29.8	50.5	21.7
8/7/2003	135	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	26.4	61.9	16.3
8/8/2003	99	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	14.5	58.2	8.9
8/11/2003	150	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	29.2	150.0	8.4
8/12/2003	863	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	14.5	147.2	0.2
8/13/2003	1010	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	232.1	690.5	55.9
8/14/2003	341	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	29.6	43.1	23.1
8/15/2003	183	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	20.0	26.4	17.7
8/18/2003	312	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	52.5	155.4	29.2
8/19/2003	257	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	34.6	46.6	28.1
8/20/2003	135	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	32.0	45.3	26.4
8/21/2003	88	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	34.0	47.1	26.2
8/22/2003	66	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	30.8	35.2	29.0
8/25/2003	53	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	40.0	51.8	32.5
8/26/2003	55	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	43.3	54.9	35.4
8/27/2003	49	Upstream of Lyman Street Bridge	N/A	N/A	N/A
		Downstream of Pomeroy Avenue Bridge	10.3	23.6	3.4
8/28/2003	40	Upstream of Lyman Street Bridge	4.1	5.9	2.8
		Downstream of Pomeroy Avenue Bridge	1.2	3.1	0.6
8/29/2003	42	Upstream of Lyman Street Bridge	4.3	8.9	3.2
		Downstream of Pomeroy Avenue Bridge	1.0	1.6	0.5

Notes:

Turbidity Action Level - Average Downstream (Elm Street) \geq Average Upstream (Lyman Street) + 50 ntu

cfs - Cubic feet per second

ntu - nephelometric turbidity units

Measurements collected using YSI 6200 Data Acquisition System using 600 OMS sonde with a 6136 Turbidity Probe

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

N/A: YSI 6200 Datalogger failed for unknown reasons. YSI is attempting to recover the data.

**Table 8 - Summary of Turbidity, PCB, and TSS Water Column Monitoring Results
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Location	Date	Estimated Flow (cfs)	Turbidity (ntu)			Water Temp. (°C)	Water Temp. End(°C)	Calculated Flow Beginning	Calculated Flow End (cfs)	Sample ID	Total PCB Concentration (ug/l)	Filtered PCB Concentration (ug/l)
			High	Low	Daily Average							
Upstream of Newell St. Bridge	07/17/03	53	---	---	---	18.5**	19.0**	21.1	32.9	H0-SW000054-0-3L17	ND(0.013)	ND(0.013)
Downstream of Lyman St. Bridge	07/17/03	53	5.7	4.1	4.9	19.43*	---	---	---	H2-SW000055-0-3L17	0.016	ND(0.013)
Upstream of Elm St. Bridge	07/17/03	53	---	---	---	---	---	---	---	---	---	---
Downstream of Pomeroy Ave. Bridge	07/17/03	53	5.9	3.4	4.5	20.21*	---	41.3	63.1	H2-SW000052-0-3L17	1.1	0.11
Upstream of Newell St. Bridge	08/06/03	184	---	---	---	---	---	130.0	113.9	---	---	---
Downstream of Lyman St. Bridge	08/06/03	184	227.1	123.5	175.3	22.14*	---	---	---	H2-SW000055-0-3G06	1.3	ND(0.012)
Upstream of Elm St. Bridge	08/06/03	184	---	---	---	---	---	---	---	---	---	---
Downstream of Pomeroy Ave. Bridge	08/06/03	184	50.5	21.7	29.8	22.17*	---	192.6	181.1	H2-SW000052-0-3G06	0.043	ND(0.012)
(duplicate)	08/06/03	184	50.5	21.7	29.8	22.17*	---	192.6	181.1	H2-SW000052-1-3G06	---	ND(0.012)
Upstream of Newell St. Bridge	08/20/03	135	---	---	---	---	---	---	---	H0-SW000054-0-3G20	NR	NR
Downstream of Lyman St. Bridge	08/20/03	135	N/A	N/A	N/A	N/A	---	---	---	H2-SW000055-0-3G20	NR	NR
Upstream of Elm St. Bridge	08/20/03	135	---	---	---	---	---	---	---	---	---	---
Downstream of Pomeroy Ave. Bridge	08/20/03	135	45.3	26.4	32.0	20.22*	---	156.1	135.9	H2-SW000052-0-3G20	NR	NR

Notes:

PCB Action Level - Downstream (Pomeroy Avenue) \geq Upstream (Lyman Street) + 5 ug/L

ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.

cfs - Cubic feet per second

ntu - nephelometric turbidity units

--- - No data obtained

* - Temperature measured YSI 600 oms system.

** - Temperature measured using hand held stainless steel thermometer.

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

Water column samples were collected as 10-hour composite samples.

Two flow values calculated, one at the beginning of the sampling event and one at the end of sampling event.

NR - Not yet reported

N/A - Probe not working

TSS (mg/l)
15.6
6.8

29.3

43.4

39.0

NR
NR

NR

**Table 9 - PCB Air Sampling Results
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in mg/m^3)

Sample ID	Location*	Date Collected	Aroclor 1016, & 1242	Aroclor 1221, 1232, & 1248	Aroclor 1254	Aroclor 1260
H2-AR000007-0-3G29	background	8/29/2003	NR	NR	NR	NR
H2-AR000018-0-3G29	AR000018	8/29/2003	NR	NR	NR	NR
H2-AR000018-1-3G29 (duplicate)	AR000018	8/29/2003	NR	NR	NR	NR
H2-AR000022-0-3G29	AR000022	8/29/2003	NR	NR	NR	NR
H2-AR000026-0-3G29	AR000026	8/29/2003	NR	NR	NR	NR
H2-AR000027-0-3G29	AR000027	8/29/2003	NR	NR	NR	NR

Notes:

Notification Level: $0.05\text{mg}/\text{m}^3$

Action Level: $0.1\text{mg}/\text{m}^3$

NR - Not yet reported

* - See Figure 1 for locations

Total PCBs
NR
NR
NR
NR
NR
NR

**Table 10 - Sheetpile Confirmatory Wipe Samples
August 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in mg/100 cm²)

Sample ID	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000079-0-3G13	08/13/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000080-0-3G13	08/13/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000081-0-3G14	08/14/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000082-0-3G14	08/14/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000083-0-3G14	08/14/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000084-0-3G15	08/15/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000085-0-3G18	08/18/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000086-0-3G18	08/18/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000087-0-3G18	08/18/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000088-0-3G19	08/19/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000089-0-3G19	08/19/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000090-0-3G20	08/20/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000091-0-3G20	08/20/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000092-0-3G20	08/20/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000093-0-3G21	08/21/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

Notes:

PCB Action Level - 10.0 mg/100 cm²

ND(0.5) - Analyte was not detected. The value in parentheses is the associated detection limit.

Table 11 - NAPL-Impacted Sediment from Cells 11 and 12A Testing Results
August 2003 Monthly Report
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000069-0-3L16	H2-OT000070-0-3L16	H2-OT000071-0-3L16	H2-OT000072-0-3L17	H2-OT000073-0-3L17	H2-OT000074-0-3L17
Sample type	Cell 11A, NAPL-impacted sediment stockpile	Cell 11A, NAPL-impacted sediment stockpile	Cell 11A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment stockpile
Date Collected	07/16/2003	07/16/2003	07/16/2003	07/17/2003	07/17/2003	07/17/2003
Analyte						
APP IX SEMIVOLATILES						
2-METHYLNAPHTHALENE	1.9 J	0.91 J	---	24.0	5.6	11.0
ACENAPHTHENE	12.0 J	5.8	---	6.8 J	9.4	2.8 J
ACENAPHTHYLENE	ND	0.74 J	---	13.0	3.0 J	5.0
ANTHRACENE	19.0	5.5	---	13.0	9.5	5.7
BENZO(A)ANTHRACENE	31.0	7.7	---	9.1	7.7	3.9
BENZO(A)PYRENE	28.0	6.3	---	7.6	6.7	3.5 J
BENZO(B)FLUORANTHENE	24.0	4.5	---	3.7 J	2.8 J	1.2 J
BENZO(GHI)PERYLENE	16.0 J	3.2 J	---	3.6 J	2.7 J	1.4 J
BENZO(K)FLUORANTHENE	20.0	3.6	---	3.8 J	4.0	2.1 J
CHRYSENE	32.0	7.7	---	7.9	7.1	3.8 J
DIBENZO(A,H)ANTHRACENE	4.5 J	0.82 J	---	1.1 J	0.65 J	0.31 J
DIBENZOFURAN	3.6 J	0.58 J	---	0.86 J	0.37 J	0.34 J
FLUORANTHENE	95.0	18.0	---	19.0	17.0	7.7
FLUORENE	10.0 J	2.8 J	---	12.0	6.0	4.4
INDENO(1,2,3-C,D)PYRENE	15.0 J	2.7 J	---	2.8 J	2.2 J	1.1J
NAPHTHALENE	6.2 J	1.1 J	---	38.0	2.2 J	19.0
PHENANTHRENE	67.0	11.0	---	45.0	26.0	20.0
PYRENE	58.0	18.0	---	22.0	19.0	11.0
TCLP SEMIVOLATILES						
	all Non-Detects	all Non-Detects	---	all Non-Detects	all Non-Detects	all Non-Detects
APP IX VOLATILES						
1,2,4-TRICHLOROBENZENE	0.002 J	ND	---	0.19 J	ND	ND
1,4-DIOXANE (P-DIOXANE)	ND	ND	---	12.0 J	ND	ND

Sample ID	H2-OT000069-0-3L16	H2-OT000070-0-3L16	H2-OT000071-0-3L16	H2-OT000072-0-3L17	H2-OT000073-0-3L17	H2-OT000074-0-3L17
Sample type	Cell 11A, NAPL-impacted sediment stockpile	Cell 11A, NAPL-impacted sediment stockpile	Cell 11A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment stockpile
Date Collected	07/16/2003	07/16/2003	07/16/2003	07/17/2003	07/17/2003	07/17/2003
Analyte						
2-BUTANONE	ND	0.0033 J	---	ND	ND	ND
ACETONE	0.023	0.023	---	ND	ND	ND
BENZENE	0.0017 J	0.0011 J	---	ND	ND	ND
CARBON DISULFIDE	0.0039 J	0.0038 J	---	ND	ND	ND
ETHYL BENZENE	ND	ND	---	0.13 J	ND	ND
M,P-XYLENE (SUM OF ISOMERS)	ND	ND	---	0.41 J	ND	0.31 J
METHYL METHACRYLATE	ND	ND	---	ND	0.62	ND
NAPHTHALENE	0.018	0.014	---	20.0	2.4	10
O-XYLENE	ND	ND	---	0.16 J	ND	0.12 J
STYRENE	ND	ND	---	0.18 J	ND	0.12 J
XYLENES (TOTAL)	ND	ND	---	0.59	ND	0.45 J
HERBICIDES						
	all Non-Detects	all Non-Detects	---	all Non-Detects	all Non-Detects	all Non-Detects
APP IX PESTICIDES						
4,4'-DDD	ND	ND	---	0.0092 J	0.019 J	0.0068
4,4'-DDE	0.05 J	0.1 J	---	0.013 J	0.021 J	0.01 J
4,4'-DDT	ND	ND	---	0.022 J	0.032 J	0.0048 J
BETA-BHC	0.035	0.035	---	0.0048 J	0.011 J	0.0026 J
DELTA-BHC	ND	ND	---	0.0032	ND	ND
ENDOSULFAN II	0.043 J	0.044 J	---	ND	ND	ND
ENDRIN	0.22 J	0.23 J	---	0.012 J	0.018 J	0.0062 J
GAMMA BHC (LINDANE)	0.024 J	0.022 J	---	ND	ND	ND
HEPTACHLOR	ND	ND	---	0.0029	ND	ND
HEPTACHLOR EPOXIDE	0.18 J	0.019	---	0.0071 J	0.010 J	0.0048
ENDOSULFAN SULFATE	0.072 J	0.082 J	---	0.021 J	0.040 J	0.011 J
ENDRIN ALDEHYDE	0.53 J	0.57 J	---	0.019	0.033 J	0.01
ISODRIN	ND	ND	---	0.0028 J	ND	ND
KEPONE	ND	ND	---	0.02	0.042 J	0.014 J
TCLP PESTICIDES						
	all Non-Detects	all Non-Detects	---	---	---	---
METALS						

Sample ID	H2-OT000069-0-3L16	H2-OT000070-0-3L16	H2-OT000071-0-3L16	H2-OT000072-0-3L17	H2-OT000073-0-3L17	H2-OT000074-0-3L17
Sample type	Cell 11A, NAPL-impacted sediment stockpile	Cell 11A, NAPL-impacted sediment stockpile	Cell 11A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment stockpile
Date Collected	07/16/2003	07/16/2003	07/16/2003	07/17/2003	07/17/2003	07/17/2003
Analyte						
ANTIMONY	0.71	1.0	---	ND	1.1	0.63
ARSENIC	3.3	3.6	---	3.9	4.2	3.9
BARIUM	24.2	28.1	---	28.1	19.0	39.3
BERYLLIUM	0.27	0.29	---	0.28	0.28	0.23
CHROMIUM	8.6	11.6	---	10.8	11.1	11.2
COBALT	10.1	8.0	---	9.7	12.9	11.8
COPPER	16.6	23.0	---	15.8	53.9	22.4
LEAD	23.0	40.5	---	8.4	17.3	11.4
MERCURY	0.048	0.070	---	0.038	0.023	0.034
NICKEL	16.5	14.0	---	17.2	37.0	19.1
SELENIUM	0.69	0.52	---	ND	0.35	0.46
SILVER	0.14	0.16	---	ND	ND	ND
THALLIUM	0.75	0.63	---	0.72	1.5	1.0
TIN	0.74	1.8	---	ND	0.77	ND
VANADIUM	9.6	9.3	---	9.7	8.0	9.4
ZINC	68.7	78.9	---	55.8	76.7	55.0
INORGANICS						
CORROSIVITY BY PH	8.1	8.1	8.0	11.4	8.3	12.3
CYANIDE REACTIVITY	ND	ND	---	ND	ND	ND
IGNITABILITY (deg f)	150	150	---	150	150	150
PAINT FILTER LIQUIDS (ml)	ND	ND	ND	ND	ND	ND
PERCENT SOLIDS (%)	94.1	94.6	---	85.1	90.8	85.3
SULFIDE REACTIVITY	5.9	8.4	---	10.4	6.4	ND
PCBS						
AROCLOR-1254	---	---	---	0.170 J	0.370 J	0.098 J
AROCLOR-1260	---	---	---	0.450	1.6	0.29
PCB, TOTAL	---	---	---	0.620	2.0	0.39
ORGANIC						
PETROLEUM HYDROCARBON	161.0	327.0	---	77.7	106.0	ND